

L Number	Hits	Search Text	OB	Time stamp
-	423	422/139-147.cds. and ((plurality multiple) same (inlet jet sparger))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 09:37
-	40	422/139-147.cds. and ((plurality multiple) adj (inlet jet sparger))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/02 16:06
-	16	"2530243"   "2581134"   "2741546"   "2789771"   "2893851"   "2944009"   "3031769"   "3099538"   "3394076"   "3607730"   "3775302"   "4329526"   "4511434"   "5529587"   "5562818"   "5779748".PN.	USPAT	2002/12/02 16:10
-	5	"2934494"   "4081249"   "4212653"   "4337068"   "4486207".PN.	USPAT	2002/12/02 16:16
-	84	34/583.cds.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/02 17:32
-	4	"3633283"   "3740865"   "4809442"   "5556274".PN.	USPAT	2002/12/02 16:21
-	10	3740865.URPN.	USPAT	2002/12/02 16:21
-	4	"3494047"   "3600817"   "3740865"   "4030876".PN.	USPAT	2002/12/02 16:26
-	11	3494047.URPN.	USPAT	2002/12/02 16:26
-	3	"2550722"   "2715018"   "4651807".PN.	USPAT	2002/12/02 17:41
-	27	4075953.URPN.	USPAT	2002/12/02 17:47
-	551	422/139.cds.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/03 12:51
-	202	422/139.cds. and (inlet sparger sparging sparge)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/03 12:51
-	156	(422/139.cds. and (inlet sparger sparging sparge)) and @py<=2000	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/03 13:41
-	6	3661558.URPN.	USPAT	2002/12/03 13:35
-	903	422/144.cds.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/03 13:41
-	377	422/144.cds. and (inlet sparger sparge sparging)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/03 13:42
-	21	422/144.cds. and (sparger sparge sparging)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/03 13:42
-	13	4032300.URPN.	USPAT	2002/12/03 13:47
-	4	"2798030"   "3053642"   "3309784"   "3912460".PN.	USPAT	2002/12/03 13:49
-	4	"3633283"   "3740865"   "4809442"   "5556274".PN.	USPAT	2002/12/03 14:58
-	85	34/583.cds.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:09
-	23	"1686349"   "2538833"   "2611685"   "2649358"   "2690962"   "2850808"   "2866696"   "2884373"   "2903800"   "2933824"   "2944009"   "3717440"   "3910849"   "4409101"   "4476816"   "4559719"   "4612115"   "4698913"   "4799937"   "4824360"   "4847054"   "4855111"   "4973457".PN.	USPAT	2003/04/01 09:50
-	134	34/585.cds.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:49
-	4	"4372228"   "4931174"   "4946654"   "5213820".PN.	USPAT	2003/04/01 10:15

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5	["3880968"   "4217127"   "4337722"   "4353709"   "4387120"].PN.	USPAT	2003/04/01 10:18
2	["3110828"   "3231413"].PN.	USPAT	2003/04/01 10:20
10	4337722.URPN.	USPAT	2003/04/01 10:21
17	4021193.URPN.	USPAT	2003/04/01 10:35
6	["3887337"   "3994665"   "4021193"   "4096840"   "4338283"   "4662839"].PN.	USPAT	2003/04/01 10:37
6	["3804806"   "3847563"   "3861862"   "4021193"   "4152643"   "4173189"].PN.	USPAT	2003/04/01 10:41
6	4262010.URPN.	USPAT	2003/04/01 10:41
907	422/144.cds.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:51
11	422/144.cds. and (spout\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:50
1454	422/139-147,211,215,219,220.cds. and (gas with (inlet jet sparging sparger sparger nozzle))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:52
948	(422/139-147,211,215,219,220.cds. and (gas with (inlet jet sparging sparger sparger nozzle))) and (fluidz\$ fluids\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:54
9	((422/139-147,211,215,219,220.cds. and (gas with (inlet jet sparging sparger sparger nozzle))) and (fluidz\$ fluids\$)) and (residue with (collects outlet))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:53
10	((422/139-147,211,215,219,220.cds. and (gas with (inlet jet sparging sparger sparger nozzle))) and (fluidz\$ fluids\$)) and ((solid with gas with liquid) with nozzle)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:58
19	((422/139-147,211,215,219,220.cds. and (gas with (inlet jet sparging sparger sparger nozzle))) and (fluidz\$ fluids\$)) and ((solid with gas with liquid) with inlet)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:58
428	422/147.cds.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:58
242	422/147.cds. and (gas with (inlet sparger jet nozzle))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 11:08
190	422/139.cds. and (gas with (inlet sparger jet nozzle))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 11:09
163	(422/139.cds. and (gas with (inlet sparger jet nozzle))) not (422/147.cds. and (gas with (inlet sparger jet nozzle)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 11:34
16	["2530243"   "2581134"   "2741546"   "2789771"   "2893851"   "2944009"   "3031769"   "3099538"   "3394076"   "3607730"   "3775302"   "4329526"   "4511434"   "5529587"   "5562818"   "5779748"].PN.	USPAT	2003/04/01 11:28
2	2769771.URPN.	USPAT	2003/04/01 11:29
282	westinghouse.as. and (fluidz\$ fluids\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 11:45
15	["2118651"   "2519340"   "2548086"   "2594974"   "2626210"   "2847562"   "3957458"   "3957459"   "4073629"   "4126519"   "4134738"   "4137051"   "4142888"   "4154582"   "4309194"].PN.	USPAT	2003/04/01 11:39

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2	2519340.URPN.	USPAT	2003/04/01 11:44
970	48/5.cds. and (fluidz\$ fluids\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 11:46
88	(48/5.cds. and (fluidz\$ fluids\$)) and (gas with (inlet jet nozzle sparg\$) with (many multiple plural\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 13:36
11	["2671721"   "2739845"   "2873145"   "3160443"   "3537755"   "3751214"   "3871711"   "3874739"   "3957457"   "4017272"   "4185942"].PN.	USPAT	2003/04/01 11:51
1	4569681.URPN.	USPAT	2003/04/01 11:54
2	["3981690"   "4282010"].PN.	USPAT	2003/04/01 11:54
12	3772999.URPN.	USPAT	2003/04/01 11:58
2	["3772999"   "3847563"].PN.	USPAT	2003/04/01 12:59
2	4198210.URPN.	USPAT	2003/04/01 12:59
4	["3370361"   "3831857"   "3974091"   "4062656"].PN.	USPAT	2003/04/01 12:59
10	["3145975"   "3164376"   "3388894"   "3582046"   "3647188"   "3746312"   "3807705"   "3825230"   "3871626"   "3881702"].PN.	USPAT	2003/04/01 13:08
5	["2884237"   "3148865"   "3158362"   "3179379"   "3409273"].PN.	USPAT	2003/04/01 13:11
5	3582046.URPN.	USPAT	2003/04/01 13:12
12	(fluidz\$ fluids\$) with bed with (gas with peripheral with (nozzle jet))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 13:40
104	34/360.cds.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 13:55
11	["4543190"   "4662658"   "4787915"   "5106513"   "5208998"   "5295223"   "5361514"   "5522156"   "5577333"   "5656176"   "5846818"].PN.	USPAT	2003/04/01 13:43
22	3117064.URPN.	USPAT	2003/04/01 13:49
7	4047883.URPN.	USPAT	2003/04/01 13:51
52	34/371.cds. and (gas with (jet inlet nozzle sparg\$))	US-PGPUB; EPO; JPO; DERWENT	2003/04/01 14:09
3	1475502.URPN.	USPAT	2003/04/01 14:08
808	spout\$ with bed	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 14:10
273	(spout\$ with bed) and (gas with (nozzle inlet jet orifice sparg\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 14:10
2	["2835711"   "2941012"].PN.	USPAT	2003/04/01 14:20
206	34/371.cds.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 14:37
188	422/231.cds.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 17:19
39	422/231.cds. and sparg\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 17:37
159	422/231.cds. not (422/231.cds. and sparg\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 17:52

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28	3759669.URPN.	USPAT	2003/04/01 17:42
81	422/211.cds. and (fluidz\$ fluids\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 18:04
69	422/230.cds.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 18:08
115	422/220.cds. and (gas with (sparg\$ jet nozzle inlet orifice))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 18:34
495	(48/5.cds. 422/5.cds.) and (coal same gasif\$ same (fluidz\$ fluids\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 09:38
285	((48/5.cds. 422/5.cds.) and (coal same gasif\$ same (fluidz\$ fluids\$))) and (gas with (inject\$ jet nozzle sparg\$ orifice))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 09:39
178	((48/5.cds. 422/5.cds.) and (coal same gasif\$ same (fluidz\$ fluids\$))) and agglom\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 09:56
63	((48/5.cds. 422/5.cds.) and (coal same gasif\$ same (fluidz\$ fluids\$))) and agglom\$ not (((48/5.cds. 422/5.cds.) and (coal same gasif\$ same (fluidz\$ fluids\$))) and (gas with (inject\$ jet nozzle sparg\$ orifice)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 09:54
170	((48/5.cds. 422/5.cds.) and (coal same gasif\$ same (fluidz\$ fluids\$))) and (gas with (inject\$ jet nozzle sparg\$ orifice)) not (((48/5.cds. 422/5.cds.) and (coal same gasif\$ same (fluidz\$ fluids\$))) and agglom\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 10:32
147	((48/5.cds. 422/5.cds.) and (coal same gasif\$ same (fluidz\$ fluids\$))) not (((48/5.cds. 422/5.cds.) and (coal same gasif\$ same (fluidz\$ fluids\$))) and (gas with (inject\$ jet nozzle sparg\$ orifice))) or (((48/5.cds. 422/5.cds.) and (coal same gasif\$ same (fluidz\$ fluids\$))) and agglom\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 11:08
195	(coal with ash with char) and (fluidz\$ fluids\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 11:09
109	((coal with ash with char) and (fluidz\$ fluids\$)) not ((48/5.cds. 422/5.cds.) and (coal same gasif\$ same (fluidz\$ fluids\$)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 11:25
23	annulus with (ash char coal biomass agglom\$) same (fluidz\$ fluids\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 12:04
440	48/77,101.cds.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 12:05
123	48/77,101.cds. and (fluidz\$ fluids\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 12:06
4	["3370361"   "3831857"   "3974091"   "4062656"].PN.	USPAT	2003/04/02 12:10
31	422/231.cds. and sparger	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 09:39

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